

Environmental Scientist

Essential Task Rating Results

1	Conducts scientific studies to research questions and test hypotheses for the protection of public health, natural resources, and the environment in compliance with applicable laws and regulations.
2	Prepares and reviews environmental documents to ensure compliance with the California Environmental Quality Act (CEQA) and other State and federal laws.
3	Advises management on the relevance of projects to environmental laws and regulations.
4	Collects data through use of environmental sampling techniques and equipment in accordance with project objectives and study protocols.
5	Conducts literature and/or archival research (e.g., internet, library) to retrieve and compile information and data pertinent to projects and environmental goals and objectives.
6	Collects samples and data for the purpose of regulatory compliance and enforcement.
7	Summarizes data and information obtained from various sources (e.g., research studies, databases, investigations, environmental sampling) into reports to ensure accurate and clear documentation of results.
8	Conducts inspections, investigations, or interviews to ensure compliance with statewide laws and regulations.
9	Makes recommendations regarding environmental issues based upon best available scientific findings.
10	Analyzes scientific data and technical reports using scientifically-acceptable methods (e.g., statistics, models, software tools) to prepare summaries and other documentation for research and regulatory purposes.
11	Analyzes and makes recommendations regarding the effectiveness and/or efficiency of programs and/or procedures.
12	Reviews and edits written documents (e.g., technical reports, project recommendations, restoration plans, program guidelines) to ensure proper content, consistency, completeness, and accuracy.
13	Prepares and writes documents (e.g., scientific and technical reports, regulatory permits, program guidelines, policies, draft regulations) pertaining to environmental issues.
14	Writes documents (e.g., correspondence, letters, memos) to staff, management and the public to communicate scientific and technical information.
15	Writes and edits environmental documents as part of the project planning process to ensure compliance with State, federal and regional laws and regulations.

16	Delivers oral presentations concerning environmental issues to inform interested parties regarding the State's natural resources and public health.
17	Represents the department by appearing before other governmental, legislative, public and private entities to communicate program activities, progress, and priorities.
18	Provides consultation and advice for agencies and institutions engaged in related environmental requirements to ensure compliance with environmental laws and regulations.
19	Responds to inquiries (e.g., public, legislative offices, government agencies, special interest groups) about departmental activities to address concerns and issues.
20	Consults with and/or advises other agencies and institutions engaged in environmental analysis, management, planning, regulation, investigation, and/or research.
21	Performs planning activities by assessing needs and opportunities to ensure program goals and objectives are achieved.
22	Prepares work plans including the development of goals, timelines, objectives, tasks, and identifying resources needed to complete the project.
23	Provides technical expertise in the areas of environmental science to staff and outside agencies to assist in the development and analysis of programs and projects.